

PLANETARY WHEELEND

ABSTRACT OF THE DISCLOSURE

5 A wheelend end assembly for a vehicle includes a support structure such as an axle housing. A spindle is secured to the support structure preferably by fasteners. The spindle has a generally centrally located bore receiving an output shaft that is rotatable relative to the spindle about an axis. A planetary gear set is coupled to the output shaft. A wheel hub is arranged about the outside of the spindle and is supported thereon by first
10 and second bearings. A retainer, which may include a nut and lock washer, is secured to a threaded end of the spindle adjacent to the outer bearing for axially positioning the bearings relative to the spindle to retain the wheel hub on the spindle. Wheels are secured to a mounting flange on the wheel hub. The wheels define a track centerline that is preferably located between the bearings.